)FN 2131

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:
First Inventor: Brant Candelore
Filed: 01/02/2002
Serial No.:   10/037,914
Confirmation No.:   7612
Art Unit: 2131
Examiner: Sheikh, Ayaz R.
Docket Number: SNY-R4646.03
Title: Elementary Stream Partial Encryption

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The undersigned submits herewith patents, publications or other information (enclosed herewith and/or listed on the enclosed list of references form) of which he is aware, which he believes is relevant and may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR §1.56. The order of listing of the references on the attached form and any appendix hereto is without regard for relative relevance to the present invention.

This Information Disclosure Statement is submitted:

[X]   Under 37 CFR §1.97(b).
        (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

[ ]   Under 37 CFR §1.97(c).
        [ ]   Below is a statement under 37 CFR §1.97(e), or
        [ ]   An IDS submission fee under 37 CFR §1.17(p).
        (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first. Either a statement under 37 CFR 1.97(e) or an IDS submission fee is required.)

[ ]   Under 37 CFR §1.97(d).
        [ ]   Below is a statement under 37 CFR §1.97(e), and
        [ ]   Applicant(s) hereby petitions under 37 CFR §1.97(d)(2) for consideration of this Information Disclosure Statement, and
        [ ]   A petition fee set forth in 37 CFR §1.17(i) is paid as indicated below.
        (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

IDS FORM

The undersigned hereby certifies under 37 CFR §1.97(e) that:

[ ]   Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or

[ ]   No item of information contained in the Information Disclosure Statement
         -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
         -- to the knowledge of the undersigned, after making reasonable inquiry, was known to an individual designated in 37 CFR §1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

A concise explanation of relevance of the items listed on the attached form:

[X]   Additional information is provided in an appendix to this communication.
[ ]   Appears in the body of the application.
[ ]   Is given for non-English language listed item(s) [Required] and appears in an appendix to this communication.
[ ]   Is in the form of an English language copy of a Search Report (copy attached) from a foreign patent office, issued in a counterpart application which refers to the relevant portions of the references.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, this statement does not constitute an admission that any patent, publication or other information referred to therein is "prior art" or "material" to this invention or any application for patent for this invention.

In accordance with 37 CFR §1.97, the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that other information that may be material as defined in 37 CFR §1.56 exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.97 and §1.98 and MPEP §609. The Examiner is requested to fully consider each of these references and acknowledge such consideration by appropriately initialing the attached form and returning a copy to the address below. In addition, the Examiner is requested to conduct a thorough independent search in order to bring the best references available forward in this application.

IDS FORM

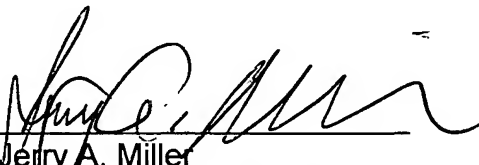The fee required for this Information Disclosure Statement is calculated below:

Fee under 37 CFR §1.17(p)	($180)	$.
Fee under 37 CFR §1.17(i)	($130)	$
	TOTAL	$ 0.00

[ ]   A check for the above fees is enclosed.

[ ]   Please the above fees to my credit card. See the enclosed credit card charge authorization form.

[X]   The commissioner is hereby authorized to charge any additional fees which may be required for this submission, or credit any overpayment to my Deposit Account No. _50-1267_ .

CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement including associated List of References, Copies of references, Appendix, list of Cases handled by Miller Patent Services, list of Cases handled by Blakely Sokoloff Taylor & Zafman, list of Cases handled by Rogitz & Associates, and fee (if required) is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date executed below.

Respectfully submitted,

Jerry A. Miller
Registration No. 30,779

Dated: _11/1/2004_

Please Send Correspondence to:
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Miller Patent Services
2500 Dockery Lane
Raleigh, NC 27606
Phone: (919)-816-9981
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IDS FORM

APPENDIX TO IDS

This IDS is being submitted in order to consolidate all references known to the Applicant which might be relevant to the present application. Submission of these references does not constitute any admission that any reference is indeed prior art in this application, since the same IDS is being submitted in multiple applications with multiple filing dates.

The present application relates to a technology that was developed by Applicant and his (their) Assignee as a part of various development programs relating to a set of commercial products known as PASSAGE™. This family of products and patent applications relate generally to technologies involving various aspects of or associated with encryption and decryption, selective encryption and decryption, multiple selective encryption and decryption, Digital Rights Management, PID mapping or remapping, trick play, headend storage strategies and content substitution. The signatory of this IDS is currently handling prosecution of 37 such applications, and will be submitting identical IDS's in each application. The undersigned has recently been made aware that two other firms are also handling prosecution of a number of applications relating to these or related technologies. Accordingly, the undersigned has been in contact with these firms to determine what information is known to relate to the applications that those firms are handling. This consolidated IDS is believed to incorporate all of the references known to the undersigned, Applicant(s), the assignee and supplied by these firms.

As a result, a large body of information is being brought forward and consolidated into this IDS. Furthermore, this IDS consolidates references that might have been submitted in earlier IDS's or brought forward in foreign search reports in many of the 37 applications. In view of the recent rule changes which affects whether or not a submission will be made available to the Examiner electronically, the continued automation advances at the USPTO, and the large number of references that have been deemed by this firm, the Assignee, the Inventor(s) or the other two firms to be potentially relevant to this technology, it is believed that it may be advantageous to the Examiner to submit this consolidated IDS at this point to assure that all possible references are made available

APPENDIX TO IDS

electronically to the Examiner in this application. While the undersigned regrets that such a large number of references are involved, he and the Assignee feel that the most conservative way to assure compliance with the duty of disclosure is to submit all references in all applications.

In addition to the U.S. Patent and Patent Application references that are being submitted herewith, numerous non-patent references and foreign patent references are also being submitted. Most of these references are available to the undersigned in electronic form and will be gladly supplied to the Examiner upon request. The undersigned is unaware of any mechanism provided by the rules for supplying such information electronically, or else they would have been supplied in this manner.
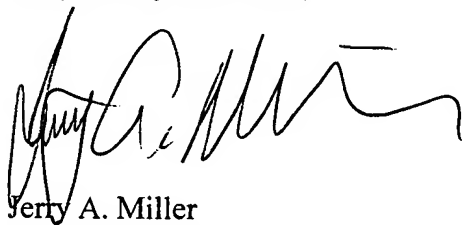
The undersigned notes that in many instances, non-U.S. patent documents may have been previously submitted and are thus not being submitted herewith. Accordingly, it is requested that the Examiner look to the paper file for any such references that appear to be missing. Conversely, redundant copies may be submitted herewith in certain cases, in which case a redundant copy may be discarded at the USPTO. If the Examiner is unable to locate any non-U.S. patent document, it is respectfully requested that he or she contact the undersigned to obtain a copy. The production of 37 IDS documents having such a large number of references is a very large job that could have possibly resulted in an inadvertent oversight.

The undersigned wishes to note that, while certain of the references submitted herewith have been personally reviewed to a varying extent, the undersigned has not reviewed a large percentage of the references submitted herewith and submits them on the basis of instructions from the Applicant(s), assignee, or as a result of a foreign search report or as a result of appearance on the list of references obtained from the other two firms filing related applications. Accordingly, the undersigned, in many instances has no direct knowledge at this time as to the relative relevance of any particular reference. These references are therefore being submitted in date order without such review in order to attempt to put them before the Examiner at the earliest possible time, and hopefully before any action on the merits in most instances.

Also in the interest of full disclosure, the undersigned submits herewith a complete listing of all known applications relating to these technologies including those applications being processed by this firm as well as those being processed by the other two firms. The undersigned has no direct knowledge of the content of the applications filed by the other firms. The identifying information for these applications is as it was supplied by the other two firms.

The undersigned respectfully requests that the Examiner of this application coordinate with the Examiners on other applications to assure that the best art is considered in examination of this application. The undersigned will be more than happy to assist the Examiner in any way possible and invites the Examiner to contact him at the telephone number below to discuss this case and it's relationship to the other applications or answer any other questions.

Respectfully submitted,

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Dated October 29, 2004

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Cases handled by Miller Patent Services

Docket No.	Filing Date	Serial No.	Title
SNY-R4646.01	1/2/2002	10/038,217	Critical Packet Partial Encryption
SNY-R4646.02	1/2/2002	10/038,032	Time Division Partial Encryption
SNY-R4646.03	1/2/2002	10/037,914	Elementary Stream Partial Encryption
SNY-R4646.04	1/2/2002	10/037,499	Partial Encryption and PID Mapping
SNY-R4646.05	1/2/2002	10/037,498	Decoding and Decryption of Partially Encrypted Information
SNY-R4854.01	10/18/2002	10/273,905	Video Slice and Active Region Based Dual Partial Encryption
SNY-R4855.01	12/13/2002	10/319,133	Selective Encryption for Video on Demand
SNY-R4903.01	10/18/2002	10/273,875	Encryption and Content Control in a Digital Broadcast System
SNY-R4976	2/27/2002	10/084,106	Reconstitution of Program Streams Split Across Multiple Program Identifiers
SNY-S5064.01	10/18/2002	10/273,903	Star Pattern Partial Encryption
SNY-S5065.01	10/18/2002	10/274,084	Slice Mask and Moat Pattern Partial Encrytpion
SNY-S5066.01	12/13/2002	10/319,066	Content Replacement by PID Mapping
SNY-S5154.01	11/13/2002	10/293,761	Upgrading of Encryption
SNY-S5156.01	12/13/2002	10/318,782	Content Distribution for Multiple Digital Rights Management
SNY-S5157.01	12/13/2002	10/319,169	Selective Encryption to Enable Multiple Decryption Keys
SNY-S5158.01	10/18/2002	10/273,904	Multiple Partial Encryption Using Retuning
SNY-S5159.01	12/13/2002 Abandoned	10/319,096	Selective Encryption to Enable Trick Play
SNY-S5159.02	3/19/2003	10/391,940	Selective Encryption to Enable Trick Play
SNY-S5161.01	11/25/2002	10/303,594	Progressive Video Refresh Slice Detection
SNY-S5162.01	10/18/2002	10/274,019	Video Scene Change Detection
SNY-S5262	3/20/2003	10/393,324	Auxiliary Program Association Table
SNY-T5343	2/24/2003	10/373,479	PID Filter Based Network Routing
SNY-T5462.02	1/29/2004	10/767,421	Content Scrambling With Minimal Impact on Legacy Devices

Cases handled by Miller Patent Services (con't)

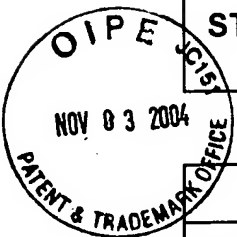|			
SNY-T5501.01	9/15/2003	10/662,585	Decryption System
SNY-T5503.01	9/22/2003	10/667,614	Modifying Content Rating
SNY-T5574	8/5/2003	10/634,546	Variable Perspective View of Video Images
SNY-T5707.02	4/13/2004	10/822,891	Macro-Block Based Content Replacement by PID Mapping
SNY-T5708.01	1/23/2004	10/764,202	Re-Encrypted Delivery of Video On Demand Content
SNY-T5709.02	4/21/2004	10/828,737	Batch Mode Session-based Encryption of Video on Demand Content
SNY-T5710.01	1/23/2004	10/764,011	Bi-Directional Indices for Trick Mode Video-on-Demand
SNY-T5711.02	3/16/2004	10/802,084	Hybrid Storage of Video on Demand Content
SNY-T5712.02	3/16/2004	10/802,007	Dynamic Composition of Pre-Encrypted Video on Demand Content
SNY-T5714.02	2/9/2004	10/774,871	Cablecard with Content Manipulation
SNY-T5717.02	3/16/2004	10/802,008	Preparation of Content for Multiple Conditional Access Methods in Video on Demand
SNY-T5775.02	4/13/2004	10/823,431	Composite Session-Based Encryption of Video on Demand
SNY-T5782.02	10/13/2004	10/964,267	Multiple Selective Encryption with DRM
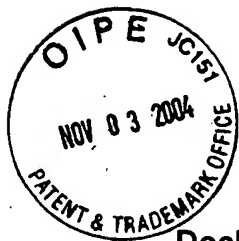
Cases handled by Blakely Sokoloff Taylor & Zafman

Docket No.	Filing Date	Serial No.	Title
080398.P252C	1/22/2004	10/763,865	Method And Apparatus For Securing Control Words
080398.P252X	3/22/2003	10/387,163	Method and Apparatus for Protecting the Transfer of Data
080398.P252X2	3/31/2004	10/815,371	IP Delivery of Secure Digital Content
080398.P252X3	1/23/2004	10/764,682	System, Method and Apparatus for Secure Digital Content Transmission
080398.P558	3/12/2003	10/388,002	Mechanism for Protecting the Transfer of Digital Content
080398.P558	3/12/2003	10/690,192	Descrambler
0803098.P558D	10/5/2003	10/691,170	Multi-Process

Cases handled by Rogitz & Associates

Docket No.	Filing Date	Serial No.	Title
50S5305.01	3/31/2003	10/403,834	System and Method for Partially Encrypted Multimedia System

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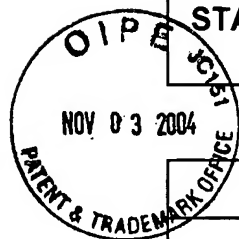
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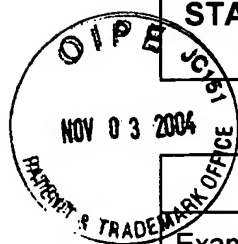
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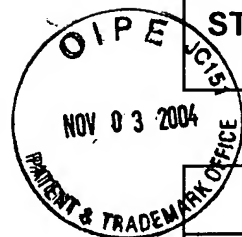| Exam. Init.	Document Number	Date	Country	Class	Translation
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